



```
graph TD
    Start([Start]) --> S11{Was skip key pressed?}
    S11 -- No --> S11
    S11 -- Yes --> S12{Was it within 3 seconds since previous pressing?}
    S12 -- No --> S13[Skip by 27 seconds]
    S12 -- Yes --> S14{Is reproduced picture displayed?}
    S14 -- No --> S15[Skip by further 30 seconds]
    S14 -- Yes --> S16[Skip by further 29 seconds]
    S13 --> S17{Reproduction completed?}
    S15 --> S17
    S16 --> S17
    S17 -- No --> S11
    S17 -- Yes --> End([End])
```

The flowchart illustrates the logic for a skip operation in a video player. It begins with a 'Start' terminal, leading to a decision diamond S11: 'Was skip key pressed?'. If the answer is 'No', the flow loops back to the entry point before S11. If 'Yes', it proceeds to decision diamond S12: 'Was it within 3 seconds since previous pressing?'. If 'No', it leads to process block S13: 'Skip by 27 seconds'. If 'Yes', it leads to decision diamond S14: 'Is reproduced picture displayed?'. If 'No', it leads to process block S15: 'Skip by further 30 seconds'. If 'Yes', it leads to process block S16: 'Skip by further 29 seconds'. All three paths (from S13, S15, and S16) converge at decision diamond S17: 'Reproduction completed?'. If 'No', the flow loops back to the entry point before S11. If 'Yes', it leads to the 'End' terminal.

FIG. 2